

Tufin Network Security Policy Management for Barracuda CloudGen Firewall

Extended visibility and security policy management to include Barracuda CloudGen Firewall access data, for effective security policy management across the hybrid cloud

As organizations' networks are distributed and apps are constantly changing, network and security teams need an easy way to effectively maintain end-to-end visibility and manage access policies across the multi-vendor, hybrid network, without impeding agility and business continuity.

Tufin SecureTrack, integrated with Barracuda CloudGen Firewall, enables organizations to centrally manage security segmentation/micro-segmentation policies for Barracuda CloudGen Firewall, and other vendor's network security solutions, directly from Tufin. Using Tufin, users can now gain visibility into their security policies using the Tufin policy matrix, detect access violations, and quickly pinpoint potential risks.

Barracuda CloudGen Firewall is the industry's leading SD-WAN platform for digital transformation, delivering robust next-generation security, connectivity, and automation across on-premise and multi-cloud deployments. Direct internet breakout optimization is supported across multiple cloud providers. This capability automatically selects the best available direct internet uplink for typical internet-hosted applications, such as Salesforce, ServiceNow, and Dropbox. Automation functionality includes full VPN automation, a complete set of APIs for integration into various cloud platforms, and SDKs for Azure, AWS, and GCP.

Tufin Orchestration Suite is a complete solution for automatically designing, provisioning, analyzing, deploying, and auditing network security changes from the application layer, down to the network layer. Using Tufin's Open Policy Model (OPM) API to integrate with Barracuda Firewall Control Center, users extend their visibility and security policy management, and reduce time, efforts, and operational complexity to manage and maintain security segmentation policies in Barracuda CloudGen Firewall, as well as other solutions.

Key Benefits

Comprehensive visibility across the hybrid environment

A centralized console provides users with end-to-end visibility of the hybrid environment so they can immediately start monitoring actual traffic and identify anomalies, such as misconfigurations, and potential threats.

Benefits

- Easily set and manage your desired segmentation policies using Tufin security policy matrix
- Detect access violations and quickly mitigate risk for Barracuda CloudGen Firewall
- Gain comprehensive visibility for Barracuda CloudGen Firewall, as well as other network security solutions across the hybrid cloud environment

Simplified security segmentation policy management

Set and manage your desired security segmentation policies across the multi-vendor, hybrid environment by establishing a baseline of allowed and blocked traffic between security segments using Tufin zone-to-zone matrix. Users can easily compare the actual access control configuration vs. the desired policy, as defined in Tufin, and start cleaning up rule bases and remediate misconfigurations in all leading multi-vendor network security solutions, including Barracuda CloudGen Firewall.

You can use Tufin’s pre-built, recommended policies for key compliance mandates (e.g. PCI-DSS, NERC CIP, GDPR, SOX, HIPAA, and NIST). Once defined, policies are automatically distributed to all network security solutions across your hybrid cloud environment, including Barracuda NextGen Firewall, for consistent enforcement.

From	Amsterdam_Int	Amsterdam_Stat	Amsterdam_Stat	AWS_DB	AWS_Exchange	AWS_Private	AWS_Public	Call_Support	Corporate	London
Amsterdam_Int	✓	✗	✗	✗	↔	↔	↔	✗	✗	
Amsterdam_Stat	✗	✓	✗	↔	↔	↔	✗	✗	✗	
Amsterdam_Stat	✗	✗	✓	✗	↔	↔	✗	✗	✗	
AWS_DB	✗	✗	↔	↔	↔	↔	↔	↔	✗	
AWS_Exchange	✗	↔	✗	✗	↔	↔	↔	↔	✗	
AWS_Private	↔	↔	↔	↔	↔	✓	✗	✗	✗	
AWS_Public	↔	↔	↔	↔	✗	✗	✓	✗	✗	
Call_Support	✗	✗	✗	↔	↔	✗	✗	✓	✗	
Corporate	✗	✗	✗	✗	✗	✗	✗	✗	✓	
London	✗	✗	✗	↔	↔	↔	↔	✗	✗	✓
NSX_Internal_Zone	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
is_Datacenter	✗	✗	↔	✗	✗	↔	↔	✗	✗	✗

Tufin SecureTrack Unified Security Policy Matrix

Security and compliance gap analysis

Understand the overall risk and compliance posture of the hybrid environment with drill down capabilities to investigate security gaps. Tufin presents access and security details of each network security solution, including Barracuda CloudGen Firewall, in a unified view, helping teams to make decisions based on comprehensive, consolidated information. Risks and security violations related to zones are identified and highlighted in Tufin’s dashboard and can be managed by establishing an exception or by pushing a modification to the relevant device.

Rule ID	Rule Name	Action	Permissions	Last Modified	Cert. Exp.
#1	LAN-2-INT...	Allows Internet access from trusted LANs for	High	103 days ago	N/A
#2	BOX-LAN...	Allows unrestricted communication between	High	98 days ago	N/A
#3	BOX-VPN...	Allows unrestricted access for Barracuda	High	103 days ago	N/A
#4	BOX-VPN...	Allows unrestricted communication between	High	103 days ago	N/A

Tufin SecureTrack Rule Viewer

Tufin (NYSE: TUFN) simplifies management of some of the largest, most complex networks in the world, consisting of thousands of firewall and network devices and emerging hybrid cloud infrastructures. Enterprises select the company’s Tufin Orchestration Suite™ to increase agility in the face of ever-changing business demands while maintaining a robust security posture. The Suite reduces the attack surface and meets the need for greater visibility into secure and reliable application connectivity. With over 2,000 customers since its inception, Tufin’s network security automation enables enterprises to implement changes in minutes instead of days, while improving their security posture and business agility.